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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XXVIII No. 5 **MAY, 1979**

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PRODUCTION STATUS

Production of crude oil and condensate from oil and gas areas of Montana for the month of May, 1979 averaged 82,609 barrels daily, an increase of 2,918 barrels from the average 79,691 production in April, 1979.

The six refineries in the state processed 147,823 barrels of crude oil daily for the month of May, 1979, an increase of 20,787 barrels from the 127,036 barrels processed daily during the month of April, 1979.

During May, 28 wells were completed, 3 oil, 13 gas, and 12 dry holes.

During May, the board issued 82 permits to drill new wells, an increase of 43 from the 39 permits issued during April, 1979.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MAY, 1979

IN STORAGE: MAY 1st.	
By Producers	432,410
By Transporters	1,533,755
By Refiners	1,221,795
TOTAL STORAGE	3,187,960
Produced in Mont. During Month	2,560,867
Imported During Month	3,503,341
TOTAL	9,252,168
DISPOSITION	
Refined in Montana	4,582,528
Exported	1,768,737
Used For Fuel or Lost	6,902
TOTAL	6,358,167
IN STORAGE: MAY 31st.	
By Producers	427,312
By Transporters	1,553,408
By Refiners	913,281
TOTAL STORAGE	2,894,001

REFINERS MONTHLY REPORT MAY, 1979

Company	Beginning Storage	Montana Oil	N. Dakota Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	241,398	242,166	—	326,629	950,616	1,537,040	223,769
Exxon Company	336,209	52,358	—	699,770	537,789	1,382,081	244,045
Farmers Union	599,760	98,472	—	318,811	575,362	1,198,764	393,641
Kenco Refining	5,129	144,936	1,173	—	—	133,494	17,744
Philips Petroleum	6,741	94,867	—	—	93,191	187,339	7,460
Wesco Refining Co.	32,558	137,874	—	—	—	143,810	26,622
Totals	1,221795	770,673	1,173	1,345,210	2,156,958	4,582,528	913,281

	AVERAGE BARRELS RECEIVED PER DAY					PERCENTAGE OF CRUDE OIL RECEIVED			
	Montana	N. Dakota	Wyoming	Canada	Total	Montana	N. Dakota	Wyoming	Canada
Year, 1978	24,240	190	47,982	58,545	130,957	18.51%	.14%	36.64%	44.71%
May, 1978	21,307	—	45,690	55,400	122,397	17.41%	—	37.33%	45.26%
May, 1979	24,860	38	43,394	69,579	137,871	18.03%	.03%	31.47%	50.47%

PRODUCERS' REPORT — MONTH OF MAY, 1979

Leases	Field	No of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Anvil	1	825	12,195	12,452	—	568
5	Arch Apex	6	2,563	1,377	1,813	—	2,127
2	Ash Creek	3	401	684	833	—	252
—	Bainville	—	3,260	(76)	—	—	3,184
1	Bainville, West	1	891	252	199	—	944
4	Bannatyne	9	818	185	428	—	575
5	Bears Den	6	1,815	809	954	—	1,670
15	Bell Creek	161	12,244	495,927	492,591	—	15,580
—	Benrud	—	326	—	—	—	326
3	Benrud, East	3	1,838	6,663	7,151	—	1,350
1	Benrud, Northeast	1	1,514	1,115	1,241	9	1,379
—	Berthelote	—	405	—	—	—	405
2	Big Gully	2	240	654	639	—	255
1	Big Gully, North	1	489	301	428	2	360
3	Big Muddy Creek	3	2,291	3,621	2,869	—	3,043
5	Big Wall	12	1,267	9,313	9,971	—	609
1	Big Wall, North	1	183	83	85	—	181
1	Blackfoot	6	548	1,562	1,594	—	516
1	Blue Hill	1	896	2,073	1,652	—	1,317
6	Border	10	1,550	1,561	1,937	—	1,174
1	Boulder	1	1,098	727	833	—	992
1	Bowes	56	4,755	12,201	11,899	—	5,057
2	Bradley	2	1,010	635	700	—	945
1	Brady	1	—	232	232		—
2	Breed Creek	4	1,410	10,643	11,490	—	563
4	Brorson-Madison	4	2,118	2,712	3,422	—	1,408
2	Brorson-Red River	2	5,676	1,656	2,117	—	5,215
4	Brorson-Red River, S.	4	2,570	6,710	6,595	—	2,685
4	Brorson, Southeast	4	1,964	2,494	3,131	—	1,327
3	Brush Lake	3	853	6,787	6,787	—	853
2	Burns Creek	2	613	948	1,261	—	300
2	Cabin Creek	85	—	141,420	141,420	—	—
2	Canal	2	1,838	2,207	3,064	—	981
2	Carlyle	2	1,435	4,870	5,732	—	573
10	Cat Creek	58	2,265	8,363	7,506	—	3,122
2	Charlie Creek	2	1,146	13,340	13,393	—	1,093
1	Clark's Fork	1	31	122	—	—	153
—	Clark's Fork, North	—	742	—	—	—	742
1	Clark's Fork, South	1	1,005	10	—	—	1,015
6	Clear Lake	8	3,280	20,476	20,770	—	2,986
1	Colored Canyon	1	636	4,390	4,300	—	726
—	Conrad, South	—	90	—	—	—	90
1	Cow Creek	1	157	219	—	—	376
9	Cow Creek, East	11	6,660	11,793	11,483	—	6,970
—	Crane	—	1,664	—	1,119	—	545
2	Culbertson	2	1,744	7,116	7,690	—	1,170
7	Cupton	10	4,524	8,012	6,813	—	5,723
91	Cut Bank	928	39,348	126,266	129,227	33	36,354
2	Dagmar	2	642	6,875	6,859	—	658
1	Dean Dome	1	1,116	828	—	—	1,944
1	Deer Creek	1	496	607	476	—	627
—	Delphia	—	129	—	—	—	129
—	Devils Basin	—	114	—	—	—	114
6	Dry Creek	6	461	1,214	659	—	1,016
—	Dry Creek, West	—	159	—	75	—	84
2	Dwyer	10	4,779	11,177	11,546	—	4,410
2	Eagle	2	1,089	1,980	2,175	—	894
3	Elk Basin	52	758	88,928	89,125	—	561
2	Elk Basin, Northwest	4	1,407	1,144	1,197	—	1,354
1	Enid, North	1	1,559	3,030	2,892	—	1,697
4	Fairview	8	8,460	18,016	17,280	183	9,013
1	Fertile Prairie	1	516	588	588	—	516
4	Flat Coulee	21	1,975	12,979	13,252	—	1,702
6	Flat Lake	44	3,270	42,648	43,015	—	2,903
3	Flat Lake, South	3	1,243	2,366	2,033	—	1,576
2	Fort Gilbert	3	1,095	3,621	3,700	—	1,016
1	Four Mile Creek	1	553	2,954	2,467	—	1,040
2	Four Mile Creek, West	2	1,795	7,471	7,429	—	1,837
1	Fox Creek	1	960	3,137	3,268	—	829
1	Fox Creek, North	1	1,810	696	837	—	1,669
1	Frannie	1	—	279	279	—	—
11	Fred & George Creek	35	5,255	29,785	29,914	—	5,126
1	Froid, South	1	990	330	669	—	651
1	Gage	1	119	164	182	—	101
3	Gas City	10	5,323	7,864	10,177	—	3,010
—	Girard	—	1,275	—	—	—	1,275
11	Glendive	14	2,779	16,839	16,747	—	2,871
—	Golden Dome	—	331	—	—	—	331
12	Goose Lake	25	3,291	15,399	13,443	—	5,247
10	Graben Coulee	36	5,663	3,007	4,199	—	4,471
1	Grandview, East	1	165	206	234	—	137
2	Gumbo Ridge	4	2,948	3,637	4,971	—	1,614
5	Gypsy Basin	8	1,599	2,065	1,532	671	1,461
1	Hay Creek-Mission	1	254	742	711	—	285
2	Hay Creek-Red River	2	1,538	2,505	2,336	—	1,707
4	Hiawatha	4	2,920	2,819	1,574	—	4,165
1	Hibbard	1	726	67	—	—	793
8	High Five	14	3,223	16,798	17,038	28	2,955
1	Highview	1	10	2	—	—	12
—	Horse Creek	—	352	—	—	—	352
2	Howard Coulee	2	1,058	1,238	1,021	—	1,275
4	Ivanhoe	9	1,072	2,154	2,507	—	719
—	Jackass Butte	—	514	—	—	—	514
2	Jim Coulee	16	2,839	18,429	13,622	—	7,646
6	Keg Coulee	16	4,324	9,253	7,116	26	6,435
3	Keg Coulee, North	3	1,288	1,889	2,161	5	1,011
1	Kelley	3	724	908	—	—	1,632
97	Kevin Sunburst	473	15,098	31,886	32,306	—	14,678
1	Laird Creek	8	889	1,468	1,426	—	931
3	Leary	3	2,307	1,323	1,101	1	2,528
2	Little Beaver	23	408	33,248	33,254	—	402
2	Little Beaver, East	9	1,709	10,799	10,381	—	2,127
14	Little Wall Creek	18	4,168	16,382	16,075	58	4,417

PRODUCERS' REPORT — MONTH OF MAY, 1979 — (Continued)

Leases	Field	No of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Lodge Grass	1	952	323	690	—	585
1	Lone Butte	1	1,328	2,406	2,678	—	1,056
6	Lonetree Creek	7	2,912	19,376	18,957	—	3,331
1	Long Creek	1	506	498	666	—	338
2	Long Creek, West	2	837	4,164	3,888	—	1,113
3	Lookout Butte (Coral Creek)	31	700	51,663	51,663	—	700
9	Mason Lake	11	2,912	15,718	16,755	—	1,875
1	Mason Lake, North	1	377	168	228	—	317
1	McCabe	1	1,227	3,029	3,946	—	310
1	Medicine Lake	1	2,050	21,110	22,091	—	1,069
6	Melstone	10	2,416	11,650	12,333	—	1,733
1	Mineral Bench	1	657	45	—	—	702
2	Miners Coulee	2	731	384	241	—	874
19	Mon Dak West	19	17,708	91,369	90,482	—	18,595
9	Monarch	14	3,334	12,824	12,004	—	4,154
2	Mosser	6	—	538	538	—	—
1	Nohly	2	352	2,465	2,404	—	413
1	North Fork	2	1,033	3,082	2,880	—	1,235
4	Otis Creek	4	1,268	2,302	2,005	—	1,565
5	Outlook	5	1,590	8,611	8,651	—	1,550
1	Outlook, South	1	1,201	750	899	—	1,052
2	Outlook, West	2	1,860	127	582	—	1,405
1	Oxbow	1	1,715	4,859	5,122	—	1,452
1	Pelican	1	170	2,047	1,832	—	385
1	Pennel	116	975	265,586	265,511	—	1,050
1	Pete Creek	1	132	17	—	—	149
2	Phantom	3	950	2,314	2,277	—	987
4	Pine	94	14,047	184,593	184,862	—	13,778
1	Pine, East	1	108	89	—	—	197
64	Pondera	286	9,158	24,195	26,489	—	6,864
6	Poplar	66	8,884	20,951	21,266	18	8,551
11	Poplar, Northwest	16	5,366	9,303	10,608	—	4,061
—	Prairie Elk	—	980	—	—	—	980
1	Prichard Creek	4	330	332	41	—	621
1	Putnam	2	233	2,866	2,680	—	419
8	Putnam, East	8	2,958	27,862	25,199	2,341	3,280
3	Rabbit Hills	3	2,333	4,292	3,966	—	2,659
9	Ragged Point	22	5,127	4,969	5,511	—	4,585
2	Rattler Butte	2	479	1,749	1,540	—	688
2	Rattlesnake Coulee	2	848	219	449	—	618
2	Raymond	6	1,615	17,507	16,795	—	2,327
1	Raymond, Northeast	1	537	1,572	1,766	—	343
4	Reagon	54	1,339	19,800	19,951	—	1,188
1	Red Creek	18	—	6,526	6,526	—	—
1	Red Fox	1	461	121	215	—	367
1	Redstone	1	842	937	1,055	—	724
1	Repeat	1	339	1,000	1,096	—	243
4	Reserve	4	2,757	3,352	3,702	—	2,407
2	Richey	2	463	744	800	(10)	417
1	Richey, Southwest	4	888	710	922	—	676
1	Ridgelawn	1	424	2,675	2,346	—	753
2	RipRap Coulee	2	1,090	1,616	1,569	—	1,137
1	Rocky Point	1	406	1,305	1,550	—	161
4	Rosebud	4	1,732	2,001	2,813	—	920
1	Rush Mountain	1	727	1,860	2,174	—	413
2	Salt Lake	3	1,020	1,634	1,980	—	674
2	Sand Creek	4	318	2,634	2,634	—	318
4	Second Creek	4	1,725	7,632	6,513	—	2,844
2	Sheepherder	3	503	267	221	(1)	550
1	Shotgun Creek, North	1	427	1,681	1,802	—	306
10	Sidney	10	3,720	11,862	11,284	—	4,298
1	Singletree	1	244	528	—	—	772
7	Sioux Pass	7	4,612	14,950	14,849	—	4,713
1	Sioux Pass, East	1	225	83	253	—	55
4	Sioux Pass, Middle	4	3,690	15,589	15,742	—	3,537
6	Sioux Pass, North	6	2,404	12,422	8,790	—	6,036
1	Snyder	3	1,094	495	960	—	629
9	Soap Creek	23	1,476	4,449	4,498	—	1,427
2	Soap Creek, East	3	1,480	1,422	2,199	—	703
3	South Fork	3	1,796	13,447	13,337	—	1,906
1	Spring Lake	2	1,961	1,142	1,937	—	1,166
1	Stensvad	3	2,090	450	—	—	2,540
29	Sumatra	97	11,297	123,089	123,436	18	10,932
3	Sunnyhill	3	1,408	2,368	2,055	—	1,721
—	Tippy Buttes	—	243	—	187	—	56
5	Tule Creek	5	2,614	10,497	10,267	—	2,844
1	Tule Creek, East	1	1,637	594	1,730	—	501
1	Tule Creek, South	1	1,491	440	732	—	1,199
3	Utopia Swift	10	1,785	6,643	7,234	—	1,194
10	Vaux	10	7,867	27,981	28,567	—	7,281
1	Vida	1	157	45	—	—	202
5	Volt	6	2,759	7,567	7,622	9	2,695
1	Wagon Box	1	215	133	219	—	129
1	Weed Creek	1	486	365	618	—	233
1	Weldon	1	1,676	446	559	—	1,563
1	West Butte	1	282	613	707	—	188
29	Whitlash	64	13,620	12,593	13,575	—	12,638
—	Whitlash, West	—	303	—	—	—	303
2	Willow Creek, North	2	603	577	503	—	677
1	Willow Ridge	3	—	407	407	—	—
3	Wills Creek, South	3	—	3,003	3,003	—	—
2	Winnett Junction	6	530	7,409	7,518	—	421
3	Wolf Springs	3	1,878	3,559	3,431	—	2,006
—	Womans Pocket	—	271	—	—	—	271
2	Woodrow	2	250	1,342	1,201	—	391
2	Wright Creek	3	1,142	769	442	—	1,469
1	Wildcat, Hill Co.	1	—	147	147	—	—
—	Wildcat, McCone County	—	52	—	—	—	52
6	Wildcat, Richland County	6	3,954	13,899	14,531	—	3,322
1	Wildcat, Sheridan Co.	1	—	731	—	—	731
—	Wildcat, Toole County	—	200	—	—	—	200
872	TOTAL	3,495	432,410	2,560,867	2,562,574	3,391	427,312

See back page for oil production, shipping and storage summaries

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA AT 14.73 PSIA and 60°F.—MONTH OF MAY, 1979

Field	MC. FT.
NATURAL:	
Alma	812
Arch Apex	29,915
Battle Creek	322,259
Bear's Den	1,921
Big Coulee	86,578
Big Rock	18,636
Black Coulee	3,842
Blackjack	34, 775
Bowdoin & Area	750,486
Bowes	93,752
Brown's Coulee	166
Bullwacker & Area	14,509
Canadian Coulee & Area	26,513
Cedar Creek	136,862
Chip Creek	2,441
Clark's Fork, North	—
Coal Coulee	3,602
Cut Bank	128,161
Dry Creek	82,845
Dry Creek, Middle	5,186
Dunkirk North	25,269
East Chinook	6,560
Flat Coulee	5,630
Fred & George	8,652
Fresno & Area	43,631
Gold Butte	—
Grandview	18,352
Gypsy Basin	16,186
Hardin	2,553
Haystack Butte	12,193
Highview	3,764
Keith Block	108,536
Kevin Sunburst	44,913
Kevin Sunburst Nisku & Area	18,865
Kicking Horse	13,428
Kinyon Coulee Area	5,763
Lake Basin	10,065
Ledger	16,828
Leroy	28,329
Liscom Creek	19,060
Lohman	8,686
Marias River	32,483
Middle Butte	9,895
Miners Coulee	15,489
Mt. Lilly	10,265
Phantom	57,582
Plevna	2,695
Prairie Dell	44,640
Pumpkin Creek	20,865
Rapelje	15,983
Rocky Boy Area	6,669
Rudyard	87,543
Sage Creek	1,482
Sawtooth Mountain & Area	55,791
Sherard	77,958
Snoose Coulee	7,550
South Devon	10,632
Strawberry Creek Area	3,258
Swanson Creek	4,177
Tiger Ridge	1,324,372
Trail Creek	—
Utopia	37,665
West Butte	—
Whitlash	77,933
Willow Ridge	6,151
TOTAL NATURAL GAS	4,071,602

Field	MC. Ft.
ASSOCIATED:	
Bell Creek	22,781
Big Muddy Creek	2,823
Blue Hill	2,099
Cabin Creek	27,636
Charlie Creek	3,014
Clark's Fork South	15,874
Culbertson	9,422
Eagle	483
Elk Basin	7,897
Fairview	19,665
Four Mile Creek	2,673
Four Mile Creek, West	5,481
Glendive	318
Lookout Butte (Coral Creek)	15,196
Mon Dak West	48,791
Otis Creek	2,019
Pennel	8,531
Richland	68,261*
Single Tree	—
Sioux Pass	10,017
Sioux Pass, East	47
Sioux Pass, Middle	9,424
Sioux Pass, North	9,612
Sumatra	3,300
Tule Creek	3,039
Vaux	1,204
TOTAL ASSOCIATED GAS	299,607
TOTAL WITHDRAWALS	4,371,209

Total withdrawals for May, 1978 were 3,181,694 MCF.

*Includes such fields as Benrud, Brorson, Ft. Gilbert, Hay Creek, Lone Butte, Lone Tree, Red Fox & Second Creek.

Total oil produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1978	30,467,337	83,472	30,316,941	83,060
1st Quarter, 1979	6,992,797	77,698	7,014,545	77,939
April, 1979	2,390,715	79,691	2,361,613	78,720
May, 1979	2,560,867	82,609	2,562,574	82,664

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total In Storage
December	428,559	1,432,743	935,266	2,796,568
March, 1979	403,818	1,425,052	860,312	2,689,182
April, 1979	432,410	1,533,755	1,221,795	3,187,960
May, 1979	427,312	1,553,408	913,281	2,894,001